

## Refine Search

### Search Results -

Terms	Documents
L15 and L20	3

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L21

Refine Search

Recall Text

Clear

Interrupt

### Search History

 DATE: Thursday, May 13, 2004   [Printable Copy](#)   [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

*DB=PGPB,USPT,USOC,EPAB,DWPI; PLUR=YES; OP=ADJ*

<u>L21</u>	l15 and L20	3	<u>L21</u>
<u>L20</u>	removable drill bit or retrievable drill bit	71	<u>L20</u>
<u>L19</u>	l15 and l17	20	<u>L19</u>
<u>L18</u>	l8 and L17	7	<u>L18</u>
<u>L17</u>	drilling and expandable tubular and casing	215	<u>L17</u>
<u>L16</u>	drill bit and removable and L15	28	<u>L16</u>
<u>L15</u>	drill string and L14	136	<u>L15</u>
<u>L14</u>	valve and L13	308	<u>L14</u>
<u>L13</u>	casing drilling	727	<u>L13</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L12</u>	stabilizer and l10	91	<u>L12</u>
<u>L11</u>	l6 and L10	1	<u>L11</u>
<u>L10</u>	175/\$.ccls. and l5	459	<u>L10</u>
<u>L9</u>	l6 and L8	8	<u>L9</u>

<u>L8</u>	logging or sensor or telemetry or monitoring	547870	<u>L8</u>
<u>L7</u>	l5 and L6	1	<u>L7</u>
<u>L6</u>	removable drill bit or removable cutter or removable boring element	205	<u>L6</u>
<u>L5</u>	drill string and L4	865	<u>L5</u>
<u>L4</u>	l2 and L3	2122	<u>L4</u>
<u>L3</u>	valve or float collar	493335	<u>L3</u>
<u>L2</u>	casing drilling or drilling with casing	4956	<u>L2</u>
<u>L1</u>	6397946.pn. or 6263987.pn. or 5894897.pn. or 5551521.pn.	4	<u>L1</u>

END OF SEARCH HISTORY